

INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/002437

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	H02G15/013	H02G15/113	H02G15/007	G02B6/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02G G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 902 855 A (SMITH RUSSELL P) 20 February 1990 (1990-02-20) abstract column 3, line 40 - column 6, line 13; figures 1-14	1-6, 8-11, 13-19, 23,26-29
X	EP 0 942 303 A (JAPAN RECOM LIMITED) 15 September 1999 (1999-09-15) the whole document	1-6, 8-17, 19-27,29
X	US 5 835 658 A (SMITH DONALD J) 10 November 1998 (1998-11-10) column 4, line 65 - column 6, line 11; figures 1,2	1-9, 20-27,29
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

8 September 2004

Date of mailing of the International search report

16/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lommel, A

INTERNATIONAL SEARCH REPORT

International Application No
GB2004/002437

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/24185 A (RAYCHEM SA NV ; RAYCHEM LTD (GB); WAMBEKE ALAIN (BE); ROOSEN DIRK (BE)) 8 August 1996 (1996-08-08) cited in the application page 15, last paragraph - page 18, paragraph 3; figures 1a-3e -----	1-3, 9, 10, 20-27, 29
A	US 4 933 512 A (NIMIYA TAKAYUKI ET AL) 12 June 1990 (1990-06-12) column 3, line 6 - column 6; figures 1A-3 -----	
A	DE 199 51 193 A (KETTLER GMBH) 26 April 2001 (2001-04-26) abstract; figures 1-6 -----	1, 26, 27, 29

INTERNATIONAL SEARCH REPORT

Information on patent family members

National Application No
/GB2004/002437

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4902855	A	20-02-1990	CA	1325663 C	28-12-1993
EP 0942303	A	15-09-1999	JP	11262161 A	24-09-1999
			CN	1238534 A	15-12-1999
			EP	0942303 A1	15-09-1999
			ID	22168 A	09-09-1999
			TW	434961 B	16-05-2001
			US	6314229 B1	06-11-2001
US 5835658	A	10-11-1998	US	5568584 A	22-10-1996
			US	5825961 A	20-10-1998
			US	5793920 A	11-08-1998
			US	5793921 A	11-08-1998
WO 9624185	A	08-08-1996	AU	4494496 A	21-08-1996
			WO	9624185 A1	08-08-1996
US 4933512	A	12-06-1990	JP	2022026 U	14-02-1990
			JP	1936872 C	09-06-1995
			JP	2097216 A	09-04-1990
			JP	6067098 B	24-08-1994
			JP	1135902 A	29-05-1989
			JP	2093202 C	18-09-1996
			JP	8003323 B	17-01-1996
			CA	1318948 C	08-06-1993
			DE	3850047 D1	14-07-1994
			DE	3850047 T2	15-09-1994
			EP	0316911 A2	24-05-1989
			KR	9109362 B1	12-11-1991
DE 19951193	A	26-04-2001	DE	19951193 A1	26-04-2001